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1928

J. H. Coll.

ITINERARY
ANNUAL INSPECTION TRIP
OF THE
COLLEGE OF ENGINEERING
UNIVERSITY OF ILLINOIS



URBANA, ILLINOIS

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COLLEGE OF ENGINEERING

UNIVERSITY OF ILLINOIS

GENERAL DIRECTIONS

Be Prompt

ALL MEMBERS of the party are required to report promptly at the appointed time and place. Instructors will call the roll at each place visited and any student absent from roll call will not be permitted to join the party until time for the next event on the itinerary. Absence from roll call is sufficient justification for the dismissal of the student from the party, and for reporting him to the proper authorities at the University.

Hotel arrangements for the party will be made in advance. Students may be permitted to make other arrangements for lodging when such request seems reasonable to the instructor in charge. Report of all such changes in the lodging will be made by the instructors in charge at the close of the trip.

Be Courteous

Permission to visit the several places listed in the itinerary is a courtesy extended to the University which involves some expense and trouble to the management of these companies. Members of the party should be appreciative of this fact and conduct themselves properly as representatives of the University. It is particularly desirable that everyone refrain from smoking within the confines of the plants visited and that all fully observe posted regulations.

Any student who fails to conduct himself properly during an inspection trip will be reported to the University Committee on Discipline.

Since the University can have no proper control over others than those in regular attendance during these trips, friends of students will not be allowed to accompany the party except by permission previously obtained from the instructor in charge. This privilege will be extended only in rare instances and when the reasons for the request seem fully sufficient.

Be Careful

While members of the faculty who are in immediate charge of these trips will make every effort to provide for the comfort and safety of the students in the party, there is, of course, some slight element of personal danger on railway trains, street cars, and in plants visited. Neither the owners of the plants visited, the University, nor members of the faculty can assume any responsibility for accidents which may occur to students during the trip. Proper care and deportment at all times will greatly reduce the possibility of accidents.

Be Observing

Inspection trips are required because it is believed that the educational advantages resulting from the inspection of large industrial enterprises fully justify the time and expense involved. To realize this ideal, however, students must use every endeavor to secure a correct impression of the places visited, an appreciation of the general nature of the plant inspected and of its product, rather than of minor details.

Each student will be required to submit an acceptable report of the trip to the head of his department or to pass an examination to determine the extent and accuracy of the information secured, on or before December 1, 1928.

Railroad and Hotel Service

The Illinois Central Railroad has authorized a special round-trip rate of one and one-half fares (\$6.84) between Champaign and Chicago for this party. The rate will be good going leaving Champaign on train No. 24 at 1:05 p. m. or on No. 2 at 6:00 p. m. on Tuesday, November 13, and good returning on any passenger train leaving Chicago on Saturday, November 17, or Sunday, November 18.

The Chicago headquarters during the trip will be at the Fort Dearborn Hotel, corner of Van Buren and La Salle Streets. The Milwaukee headquarters will be at the Republican Hotel, corner of Third and Cedar Streets. The rates at the two hotels will be as follows:

	<i>Chicago</i>	<i>Milwaukee</i>
Single room with bath.....	\$1.95	\$2.50
Single room without bath.....	1.95	2.00
Double room with bath.....	3.00	4.00
Double room without bath.....	2.50	
Three in room with bath.....	4.50	5.25
Three in room without bath...	3.75	
Four in room with bath.....	4.00	6.00
Four in room without bath....	3.50	4.00

Regular trains returning to Champaign leave Twelfth Street Station, Chicago, at 4:50 p. m., 6:15 p. m. and 9:30 p. m.

Student Automobiles

The Council of Administration has voted that students be not allowed to drive automobiles while on inspection trips.

ARCHITECTURE

Wednesday, November 14

- 8:30 a.m. Assemble in lobby of the FORT DEARBORN HOTEL for instructions.
- 9:00 a.m. A STUDY OF THE CITY PLAN OF CHICAGO, and THE LAKE FRONT DEVELOPMENT, under the direction of Mr. C. W. Farrier of the firm of Bennett, Parsons and Frost, 80 East Jackson Boulevard.
- 1:00 p.m. Assemble in the lobby of the BURNHAM BUILDING, Randolph and La Salle Streets.
- 1:15 p.m. Inspection of OFFICE BUILDINGS in the LOOP.
- 6:00 p.m. Dinner in the Edison Building restaurant, 72 West Adams Street, given by the ILLINOIS COMMITTEE ON COOPERATION WITH EDUCATIONAL INSTITUTIONS.

Thursday, November 15

- 8:00 a.m. Assemble in lobby of the FORT DEARBORN HOTEL for instructions.
- 8:40 a.m. Take Northwestern train for Lake Forest. The train leaves at 9:00 a.m., arriving at Lake Forest at 9:45 a.m.
The entire day will be spent in a STUDY OF DOMESTIC ARCHITECTURE.

Friday, November 16

- 8:30 a.m. Assemble in lobby of the FORT DEARBORN HOTEL for instructions.
- 9:00 a.m. AN INSPECTION OF THE NEW CHAPEL AND MEDICAL GROUP, CHICAGO UNIVERSITY, at Woodlawn and Sixty-first Streets.
Visit the Studio of LORADO TAFT, 6016 Ellis Avenue.

3:15 p. m. Arrive at THE UNDERWRITERS LABORATORIES, 207 East Ohio Street.

Saturday, November 17

8:30 a. m. Assemble in lobby of the FORT DEARBORN HOTEL for instructions.

9:00 a. m. THE ART INSTITUTE AND THE GOODMAN THEATRE.

ARCHITECTURAL ENGINEERING

Wednesday, November 14

- 7:00 a. m. Assemble in the lobby of the FORT DEARBORN HOTEL for instructions.
- 7:15 a. m. Leave by special bus for Buffington, Indiana.
- 8:30 a. m. Arrive at the plant of the UNIVERSAL PORTLAND CEMENT COMPANY.
- 10:15 a. m. Leave by bus for Indiana Harbor, Indiana.
- 10:45 a. m. Arrive at the plant of the INLAND STEEL COMPANY.
- 1:00 p. m. Guests of the INLAND STEEL COMPANY for luncheon.
- 2:00 p. m. Continue the trip through the plant of the INLAND STEEL COMPANY.
- 4:00 p. m. Leave by bus for Chicago.
- 6:00 p. m. Dinner in Edison Building restaurant, 72 W. Adams Street, given by the ILLINOIS COMMITTEE ON COOPERATION WITH EDUCATIONAL INSTITUTIONS.

Thursday, November 15

- 7:45 a. m. Assemble in the lobby of the FORT DEARBORN HOTEL for instructions.
- 8:45 a. m. Arrive at the CHICAGO DAILY NEWS Building, Canal and Madison Streets.
- 10:00 a. m. Arrive at the CHICAGO CIVIC OPERA BUILDING, (Twenty Wacker Drive Building) Wacker Drive and Madison Street.
- 1:15 p. m. Arrive at FOREMAN NATIONAL BANK BUILDING, La Salle and Washington Streets.
- 3:15 p. m. Arrive at the MERCHANDISE MART, Kinzie and Wells Streets.

Friday, November 16

- 7:30 a. m. Assemble in the lobby of the FORT DEARBORN HOTEL for instructions.
- 7:45 a. m. Take Rock Island Suburban Train, La Salle Street Station, for AUBURN PARK.
- 8:06 a. m. Arrive at AUBURN PARK; walk 4 blocks east and six blocks south to the MORAVA WORKS of the MCCLINTIC-MARSHALL COMPANY at 8301 Stewart Avenue.
- 8:30 a. m. Arrive at Main Shop of MCCLINTIC-MARSHALL COMPANY.
- 11:30 a. m. Take Surface Car (Wentworth-Clark) five blocks north of plant, to 22nd Street.
- 12:00 noon Lunch in the vicinity of 22nd Street.
- 12:45 p. m. Arrive at the R. R. DONNELLY BUILDING, 22nd and Calumet Streets.
- 2:45 p. m. Take Illinois Central Suburban Train at 22nd Street for Randolph Street Stop.
- 3:15 p. m. Arrive at the UNDERWRITERS LABORATORIES, 207 East Ohio Street.

Saturday, November 17

- 7:30 a. m. Assemble in the lobby of the FORT DEARBORN HOTEL for instructions.
- 8:00 a. m. Arrive at the CHICAGO THEATRE BUILDING, State and Lake Streets.
- 10:15 a. m. Arrive at the BUILDING MATERIALS EXHIBIT, BUILDER'S BUILDING, Wacker Drive and Wells Street.
- 12:00 noon Adjourn.

CERAMIC ENGINEERING

Wednesday, November 14

- 7:30 a. m. Leave HOTEL PLUMB, Streator, Ill., by bus for the STREATOR CLAY MANUFACTURING COMPANY. Visit both brick and sewer pipe plants.
- 11:30 a. m. Return to city for lunch.
- 12:45 p. m. Take bus to STREATOR BRICK COMPANY.
- 2:30 p. m. Walk to STREATOR DRAIN TILE COMPANY.
- 3:45 p. m. Take bus to AMERICAN BOTTLE COMPANY.
- 5:30 p. m. Take bus to Ottawa, Illinois, stopping at the NEW CLIFTON HOTEL.

Thursday, November 15

- 7:30 a. m. Assemble with baggage. Take bus to NATIONAL FIRE PROOFING COMPANY.
- 9:30 a. m. Take bus to CHICAGO RETORT AND FIRE BRICK COMPANY plant east of Ottawa.
- 11:30 a. m. Take bus to Joliet, Illinois.
- 2:00 p. m. Arrive at GENERAL REFRACTORIES COMPANY plant on North Broadway.
- 4:00 p. m. Take bus to Chicago, stopping at the FORT DEARBORN HOTEL, La Salle and Van Buren Streets.

Friday, November 16

- 6:45 a. m. Take bus at Hotel going to BOHNSACK BRICK COMPANY plant at Schiller Park, Illinois.
- 9:00 a. m. Take bus to WOLFF MANUFACTURING CORPORATION, Fulton and North Robey Streets.
- 11:30 a. m. Take bus to Cicero.
- 1:00 p. m. Arrive at COONLEY MANUFACTURING COMPANY plant at Cicero.

- 2:30 p. m. Take bus to MIDLAND TERRA COTTA COMPANY, 16th Street and 54th Avenue.
- 5:00 p. m. Return to city.

Saturday, November 17

- 7:30 a. m. Take bus to NORTHWESTERN TERRA COTTA COMPANY, 2525 Clybourne Avenue.
- 10:00 a. m. Take bus to CHICAGO POTTERY COMPANY, 1924-40 Clybourne Avenue.
- 12:00 noon Inspection trip ends.

CIVIL ENGINEERING

Wednesday, November 14

- 5:45 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Each student should purchase his own ticket to Gary.
- 6:00 a. m. Leave LA SALLE STREET STATION on New York Central train No. 162 for Gary, Indiana.
- 7:30 a. m. Plant of ILLINOIS STEEL COMPANY, Gary.
- 12:00 noon Lunch at or near Y.M.C.A., Gary.
- 1:00 p. m. Proceed to plant of AMERICAN BRIDGE COMPANY, Curtis.
- 4:34 p. m. Take train at the flag stop at lower end of shipping yard for Chicago.
- 6:00 p. m. Dinner in Edison Building, 72 W. Adams Street, as guests of the ILLINOIS COMMITTEE ON COOPERATION WITH EDUCATIONAL INSTITUTIONS.

Thursday, November 15

- 7.30 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Inspect MERCHANDISE MART, FOREMAN BANK, NEW OPERA HOUSE and other FOUNDATIONS and PUBLIC BUILDING CONSTRUCTION in the Loop.
- 12:00 noon Lunch in convenient place.
- 1:00 p. m. Assemble in CONCOURSE of UNION STATION. Inspect UNION STATION and YARDS and PENNSYLVANIA SYSTEM FREIGHT STATION.

Friday, November 16

- 7:15 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Take special busses to WEST SIDE SEWAGE TREATMENT PLANT of the SANITARY DISTRICT OF CHICAGO.

- 10:15 a. m. Leave by bus for inspection of PARK SYSTEM.
- 12:00 noon Lunch as announced.
- 1:00 p. m. Inspect improvements of the LINCOLN PARK COMMISSION and SOUTH PARK COMMISSION.
- 4:00 p. m. Visit rooms of WESTERN SOCIETY OF ENGINEERS, Engineering Building.

Saturday, November 17

- 7:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Proceed to MICHIGAN AVENUE BRIDGE and take launches for inspection of BRIDGES over CHICAGO RIVER.
- 12:00 noon Disband.

SPECIAL SANITARY OPTION

Wednesday, November 14

- 7:15 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Take bus to NORTH SIDE SEWAGE TREATMENT PLANT of SANITARY DISTRICT OF CHICAGO.
- 10:15 a. m. Leave by bus for EVANSTON WATER FILTRATION PLANT.
- 12:00 noon Lunch as announced.
- 1:15 p. m. Arrive at KENILWORTH WATER FILTRATION PLANT.
- 2:00 p. m. Arrive at WINNETKA WATER FILTRATION PLANT.
- 3:30 p. m. Arrive at HIGHLAND PARK SEWAGE TREATMENT PLANT.
- 6:05 p. m. Leave NORTH CHICAGO JUNCTION on Chicago, North Shore and Milwaukee Railroad.
- 7:30 p. m. Arrive at REPUBLICAN HOTEL, Milwaukee.

Thursday, November 15

- 8:15 a. m. Leave REPUBLICAN HOTEL for office of MILWAUKEE SEWERAGE COMMISSION, 508 Market Street.
- 12:00 noon Lunch as announced.
- 1:00 p. m. Arrive at office of CITY ENGINEER of Milwaukee. Visit REFUSE INCINERATOR, RIVERSIDE PUMPING STATION, and MUNICIPAL CONSTRUCTION WORK.
- 5:00 p. m. Leave Milwaukee on Chicago and North Western R. R. for Chicago. Go to FORT DEARBORN HOTEL.

Friday, November 16

- 7:15 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Take special busses to WEST SIDE SEWAGE TREATMENT PLANT of the SANITARY DISTRICT OF CHICAGO.
- 10:15 a. m. Leave by bus for CHICAGO REDUCTION PLANT, Thirty-ninth and Iron Streets.
- 12:00 noon Lunch at Cafeteria of SWIFT AND COMPANY.
- 1:30 p. m. Arrive at EXPERIMENTAL WATER FILTRATION PLANT of CITY of CHICAGO.
- 3:00 p. m. Arrive at THIRTY-NINTH STREET SEWAGE PUMPING STATION of the SANITARY DISTRICT OF CHICAGO.
- 4:30 p. m. Arrive at offices of PEARSE, GREELY AND HANSEN, 6 North Michigan Avenue.

Saturday, November 17

(With main group)

ELECTRICAL ENGINEERING

Wednesday, November 14

- 7:00 a. m. Leave FORT DEARBORN HOTEL, Chicago, in special motor busses for the VOLLMER ROAD SUBSTATION of the Illinois Central electrification.
- 9:00 a. m. Leave in special busses for the HYDROELECTRIC STATION of the Sanitary District at Lockport.
- 11:30 a. m. Leave in special busses for HAWTHORNE WORKS of the Western Electric Company for lunch at invitation of the Company.
- 2:00 p. m. Inspect works.
- 4:30 p. m. Take busses for city.
- 6:00 p. m. Dinner in EDISON BUILDING RESTAURANT, 72 West Adams Street, given by the Illinois Committee on Cooperation with Educational Institutions.
- 8:30 p. m. Leave NORTH SHORE LINE STATION, 223 South Wabash Avenue, for Milwaukee on special electric train.
- 10:45 p. m. Arrive at REPUBLICAN HOTEL, Milwaukee.

Thursday, November 15

- 8:00 a. m. Assemble at PUBLIC SERVICE BUILDING and take special cars for works of CUTLER-HAMMER MANUFACTURING COMPANY.
- 10:00 a. m. Leave in special cars for the WESTINGHOUSE LAMP COMPANY.
- 12:00 noon Take special cars for city.
- 1:15 p. m. Assemble at PUBLIC SERVICE BUILDING for visit to LAKESIDE STATION of the Milwaukee Electric Railway and Light Company.
- 5:00 p. m. Take special cars for city.

Friday, November 16

- 8:00 a. m. Assemble at PUBLIC SERVICE BUILDING and take special cars for works of ALLIS-CHALMERS MANUFACTURING COMPANY.
- 1:00 p. m. Lunch at ALLIS-CHALMERS CLUB at invitation of Allis-Chalmers Manufacturing Company.
- 4:45 p. m. Take special cars for city.
- 7:30 p. m. Take special train at NORTH SHORE LINE TERMINAL for Chicago, stopping to inspect an automatic substation.
- 10:30 p. m. Arrive at FORT DEARBORN HOTEL, Chicago.

Saturday, November 17

- 7:00 a. m. Leave FORT DEARBORN HOTEL, Chicago, by special motor busses for Gary.
- 8:30 a. m. Enter WORKS of the ILLINOIS STEEL COMPANY.
- 11:30 a. m. Take busses for Chicago where party disbands.

GENERAL ENGINEERING

Wednesday, November 14

- 5:45 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Each student should purchase his own ticket to Gary.
- 6:00 a. m. Leave LA SALLE STREET STATION on New York Central train No. 162 for Gary, Indiana.
- 7:30 a. m. Plant of ILLINOIS STEEL COMPANY, Gary.
- 12:00 noon Lunch at or near Y. M. C. A., Gary.
- 1:00 p. m. Proceed to plant of AMERICAN BRIDGE COMPANY, Curtis.
- 4:34 p. m. Take train at the flag stop at lower end of shipping yard for Chicago.
- 6:00 p. m. Dinner in Edison Building, 72 W. Adams Street, as guests of ILLINOIS COMMITTEE ON COOPERATION WITH EDUCATIONAL INSTITUTIONS.
- 8:30 p. m. Leave Chicago North Shore and Milwaukee Railroad Terminal, 223 South Wabash Avenue, for Milwaukee, arriving there at 10:45 p. m. Proceed to the HOTEL REPUBLICAN.

Thursday, November 15

- 8:00 a. m. Leave the PUBLIC SERVICE BUILDING, via special street cars, for a visit to the plant of the ALLIS-CHALMERS MANUFACTURING COMPANY at West Allis.
- 1:30 p. m. Assemble at the PUBLIC SERVICE BUILDING for a visit to LAKESIDE STATION of the MILWAUKEE ELECTRIC RAILWAY AND LIGHT COMPANY.

Friday, November 16

- 8:00 a. m. Leave the PUBLIC SERVICE BUILDING, via special street cars, for a visit to the plant of the FALK CORPORATION.
- 1:15 p. m. Leave Chicago North Shore and Milwaukee Railroad Terminal for Kenosha.
- 2:15 p. m. Inspect the plant of the NASH MOTORS COMPANY.
- 5:15 p. m. Leave Kenosha for Chicago, arriving there at 6:30 p. m.

Saturday, November 17

- 7:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL.
- 8:00 a. m. Arrive CHICAGO THEATER BUILDING, State and Lake Streets.
- 10:15 a. m. Arrive BUILDING MATERIALS EXHIBIT, BUILDER'S BUILDING, Wacker Drive and Wells Street.
- 12:00 noon Disband.

MECHANICAL ENGINEERING

Wednesday, November 14

- 7:50 a. m. Assemble at the FORT DEARBORN HOTEL, Van Buren and La Salle Streets.
- 9:00 a. m. Inspect the CORWITH PLANT of the CRANE COMPANY, located at 4100 South Kedzie Avenue.
- 1:45 p. m. Inspect the TRACTOR WORKS of the INTERNATIONAL HARVESTER COMPANY, located at 2600 West 31st Boulevard.
- 6:00 p. m. Dinner in Edison Building Restaurant, 72 West Adams Street, given by the ILLINOIS COMMITTEE ON COOPERATION WITH EDUCATIONAL INSTITUTIONS.
- 8:30 p. m. Leave Chicago North Shore and Milwaukee Railroad Terminal, 223 South Wabash Avenue, for Milwaukee, arriving there at 10:45 p. m. Proceed to the REPUBLICAN HOTEL.

Thursday, November 15

- 8:00 a. m. Leave the PUBLIC SERVICE BUILDING, via special street cars, for a visit to the plant of the ALLIS-CHALMERS MANUFACTURING COMPANY at West Allis.
- 1:15 p. m. Assemble at the PUBLIC SERVICE BUILDING for a visit to LAKESIDE STATION of the MILWAUKEE ELECTRIC RAILWAY AND LIGHT COMPANY.

Friday, November 16

- 8:00 a. m. Leave the PUBLIC SERVICE BUILDING, via special street cars, for a visit to the plant of the FALK CORPORATION.

- 1:15 p. m. Leave Chicago North Shore and Milwaukee Railroad Terminal for Kenosha.
- 2:15 p. m. Inspect the plant of the NASH MOTORS COMPANY.
- 5:15 p. m. Leave Kenosha for Chicago, arriving there at 6:30 p. m.

Saturday, November 17

- 7:00 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Take special busses to the plant of the ILLINOIS STEEL COMPANY at Gary, Indiana.

RAILWAY ENGINEERING

Wednesday, November 14

- 5:45 a. m. Assemble in lobby of FORT DEARBORN HOTEL, La Salle and Van Buren Streets. Each student should purchase his own railroad ticket to Gary, Indiana.
- 6:00 a. m. Leave LA SALLE STREET STATION on New York Central train No. 162 for Gary, Indiana.
- 7:30 a. m. Arrive at plant of ILLINOIS STEEL COMPANY, Gary.
- 12:00 noon Lunch at or near Y.M.C.A., Gary.
- 1:00 p. m. Proceed to plant of AMERICAN BRIDGE COMPANY, Curtis.
- 4:34 p. m. Take train at lower end of shipping yard for Chicago.
- 6:00 p. m. Dinner in Edison Building Restaurant, 72 West Adams Street, given by the Illinois Committee on Cooperation with Educational Institutions.

Thursday, November 15

- 7:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Inspect MERCHANDISE MART, FOREMAN BANK and other foundation and building construction in the Loop.
- 12:00 noon Lunch in convenient place.
- 1:00 p. m. Assemble in CONCOURSE OF UNION STATION. Inspect UNION STATION AND YARDS and PENNSYLVANIA SYSTEM FREIGHT STATION.

Friday, November 16

- 7:20 a. m. Assemble in lobby of FORT DEARBORN HOTEL.

- 7:45 a. m. Take Illinois Central suburban train at Van Buren Street for Burnside Station.
- 8:30 a. m. Inspect ILLINOIS CENTRAL RAILROAD SHOPS at Burnside.
- 12:00 noon Lunch in convenient place.
- 1:00 p. m. Take Illinois Central suburban train to Hazelcrest Station.
- 1:30 p. m. Inspect the MARKHAM YARDS.

Saturday, November 17

- 7:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Proceed to MICHIGAN AVENUE BRIDGE and take launches for inspection of BRIDGES over CHICAGO RIVER.
- 12:00 noon Disband.

DEPARTMENT OF ARCHITECTURE

Faculty

PROFESSOR L. C. DILLENBACK
PROFESSOR C. E. PALMER
MR. F. M. LESCHER
MR. I. D. BEALS

Architects

ABRAMOVITZ, MAX	MOORE, E. N.
CAMPBELL, C. A.	RAPP, M. G.
CHLADEK, ARTHUR L.	RECHER, GEO.
FIERBAUGH, J. F.	RUSSELL, JAMES A.
HURLEY, F. D.	SANDERS, W. B.
KANE, BERNARD M.	SCHMARR, JOHN E.
KING, DONALD S.	SCHWARTZ, WALTER R.
KLEINMAN, MAURICE W.	SEAVEY, JOHN B.
KLEINMAN, MOE B.	SIMON, WM. H.
LEHMAN, PAUL K.	SMILEY, GEORGE E.
MALLOY, JAMES F.	TEMPLE, ARTHUR
MARTLING, W. LOCKWOOD	WILSON, GRACE
MAYBERRY, R.	WINN, OTIS

Architectural Engineers

BRANCH, JAMES E.	JOHNSON, CARL H.
BROWN, RUSSELL O.	KAUTT, ELMER C.
CHAN, WARREN M.	KERSTING, H. A.
COPILOW, EDWARD H.	LUNDSTRUM, JOHN E.
DETURK, L. E.	NOBLE, VERNON H.
FOSTER, EDWIN B.	OWEN, JAMES W.
FOSTER, GLENN W.	PINKSTAFF, M. L.
GERHOLD, RAYMOND E.	REDICAN, TOM J.
GIBSON, R. C.	RONNEBERG, EARL F.
HANDLER, HARRY A.	ROTHMAN, MARGARET
HARLAN, LEON S.	SAWTELL, RICHARD B.
HILL, HERSCHEL D.	SNITOFF, HOWARD
HUANG, CHUNG	TOTH, EDMUND T.
HURWITZ, JEROME	TRINKLE, R. H.
JARVIS, JOHN D.	TROXELL, R. L.
JOHNSON, ALFRED C.	WHEELER, EDWARD T.

DEPARTMENT OF CERAMIC ENGINEERING

Faculty

PROFESSOR R. K. HURSH

Seniors

ALEXANDER, H. W.
HARDY, R. G.
KAUFFMANN, OTTO
MORRISON, R. F.
O'LEARY, V. C.

SLATER, S. M.
SPARKS, E. W.
SPIKER, J. E.
WINDSOR, B. R.
ZWERMANN, C. H.

DEPARTMENT OF CIVIL ENGINEERING

Faculty

PROFESSOR H. E. BABBITT PROFESSOR HARDY CROSS
PROFESSOR J. S. CRANDELL PROFESSOR W. C. HUNTINGTON
MR. F. W. STUBBS

Graduate Student

CHAO, F. L.

Seniors

ANDERSON, JOHN	KNAPP, L. M.
ATKINSON, GEORGE E.	KOCHIS, FRANK
BARJENBRUCH, JOHN	LARSEN, KENNETH
BARNOVITZ, SAMUEL	LARSEN, RICHARD
BEIDERMAN, W. M.	LO, S. L.
BERRY, WALTER R.	MCCANN, R. M.
BRADLEY, JOSEPH N.	MONSON, JOHN S.
BROOKS, LEO C.	MOORMAN, R. B.
CASSIDY, W. C.	NIEMAN, A. R.
DANZER, JOHN	NORVELL, A. J.
DAVIS, HOWARD	OESTERLING, LEWIS K.
DEBO, D.	OSTMAN, H.
DERBY, W. R.	PALMER, R. L.
DOLAN, T. J.	PICKETT, B. L.
EAKINS, M. M.	PIERCE, W. B.
ELLIOTT, N. B.	POER, JOSEPH
FIERKE, M. B.	PONZER, H. S.
GARING, H. R.	PORWANCHER, J. R.
GIFFORD, J. M.	PURNELL, R. G.
GLASGOW, EARL	REAM, E. F.
GRENNAN, C. A.	REINERS, O. A.
HENSE, E. O.	SCHNITZER, FRED J.
HERRINGER, ELMER	SCHRADER, C. W. H.
HILLYER, J. D.	SEEMANN, R. W.
JENSEN, V.	SEIGER, L. G.
KAROL, JACOB	SHANKS, R. P.
KING, W. C.	SMITH, R. D.

SPOERL, H. G.
STAIR, M. E.
STEWART, P. A.
SURWILL, S.
TIEN, H. P.
THORNBORROW, W.
WANG, K. C.

WILLETT, C. K.
WELLS, A. A.
WILEY, R. D.
WILLIAMSON, E. P.
WOLD, H. E.
WOLINSKY, C.
WOODS, S. W.
YUAN, C. T.

DEPARTMENT OF ELECTRICAL ENGINEERING

Faculty

PROFESSOR E. H. WALDO	MR. C. A. KEENER
PROFESSOR E. A. REID	MR. J. O. KRAEHENBUEHL
PROFESSOR H. A. BROWN	

Graduate Student

E. C. JONES

Seniors

APPLEBY, R. H.	HUBBARD, L. O.
ARMSTRONG, C. J.	HUGUET, F. C.
BABCOCK, S. M.	KELLER, H. W.
BAYLES, J. C.	LACY, L. Y.
BENFER, R. W.	LEVY, HERBERT
BRACKEN, J. F.	MANLEY, J. H.
BREWER, F. T.	MAROSE, L. W.
BROWN, G. W.	MARTIN, E. D.
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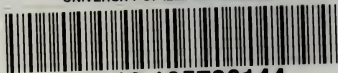
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